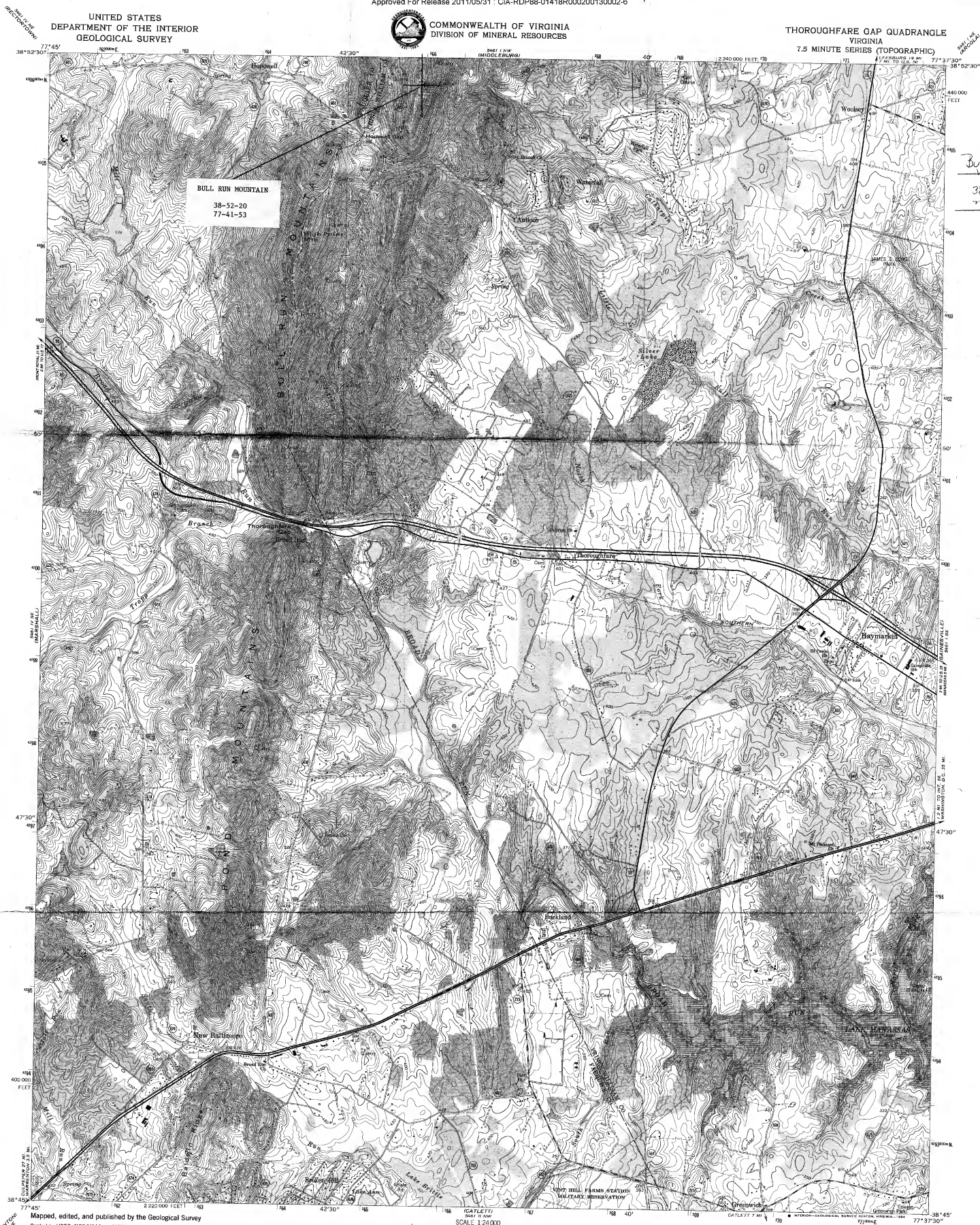


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



COMMONWEALTH OF VIRGINIA  
DIVISION OF MINERAL RESOURCES

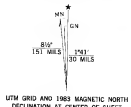
THOROUGHFARE GAP QUADRANGLE  
VIRGINIA  
7.5 MINUTE SERIES (TOPOGRAPHIC)



BULL RUN MOUNTAIN  
38-52-20  
77-41-53

Bull Run Mt.  
Virginia  
38-52-20  
77-41-53

Mapped, edited, and published by the Geological Survey  
Control by USGS, NOS/NOAA, and USCE  
Topography by photogrammetric methods from aerial  
photographs taken 1965. Field checked 1966  
Supersedes Army Map Service Thoroughfare Gap map  
dated 1943  
Polyconic projection. 10,000-foot grid ticks based on Virginia  
coordinate system, north zone. 1000-meter Universal Transverse  
Mercator grid ticks, zone 18, shown in blue  
1927 North American Datum  
To place on the predicted North American Datum 1983  
move the projection lines 8 meters south and  
25 meters west as shown by dashed corner ticks  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map



SCALE 1:24,000  
CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1959

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Unimproved road  
Interstate Route  
U.S. Route  
State Route

THOROUGHFARE GAP, VA.  
38077-06-TF-024  
1966  
PHOTOREVISED 1983  
DMA 5461 1 SW - SERIES Y804